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Applicant

DONALDSON COMPANY, INC. et al

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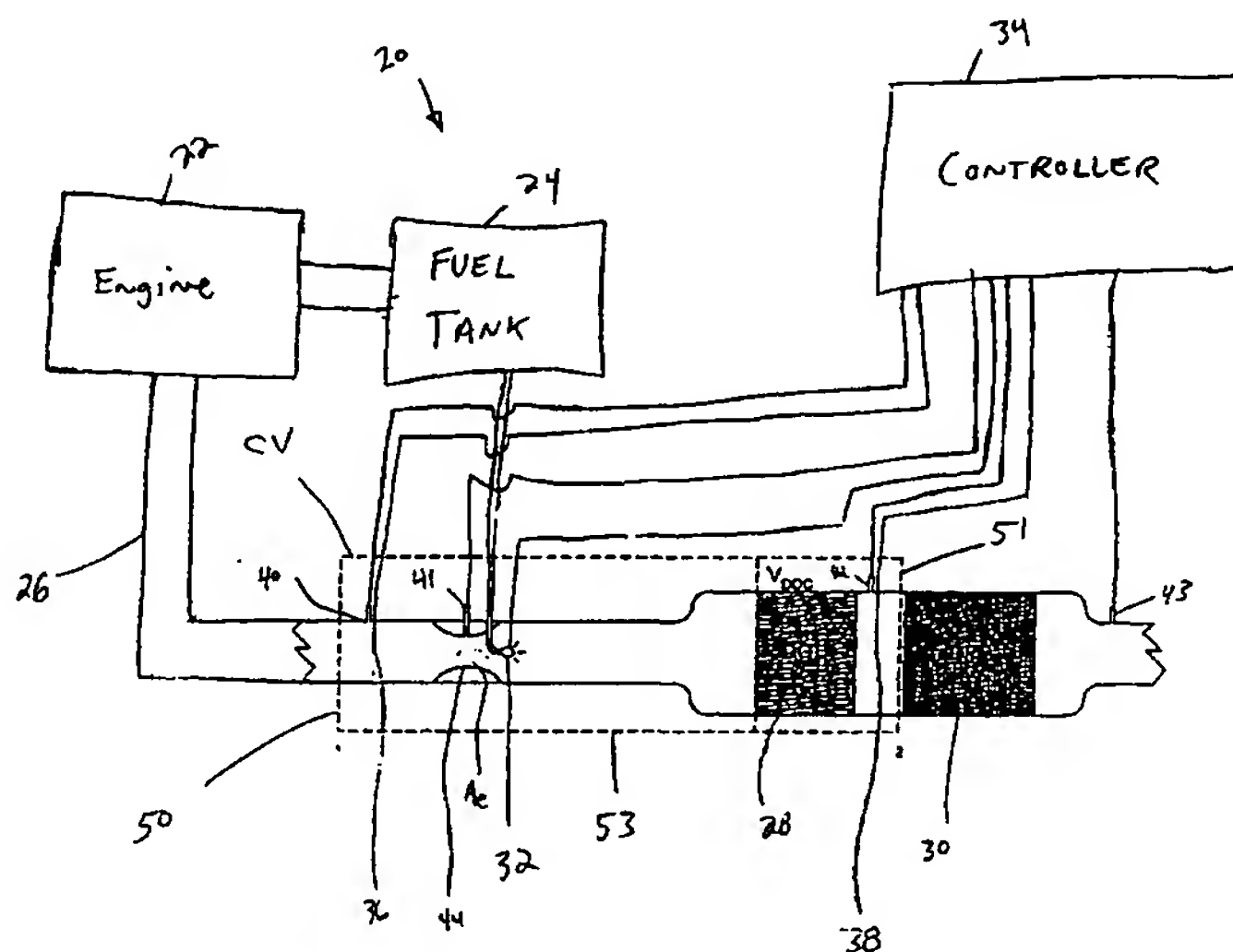
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(57) Abstract: A system or method for controlling the delivery of fuel into the transient flow of an exhaust system (20) to control emissions. A mathematical model representative of the exhaust system (20) can be used to determine, based on operating conditions of the exhaust system (20), a rate of fuel delivery suitable for achieving a desired result. The desired result can be to increase the temperature of a diesel particulate filter (30) to a temperature suitable for regeneration without exceeding a temperature that may damage the diesel particulate filter (30).



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